BRUHATH BANGALORE MAHANAGARA PALIKE

Ward :14 Bagalagunte

NAME OF WORK : Reapirs and Maintanace of Anganavadi Buildings in ward no:14 in Bagalagunte

Sl. No.	Description of work	Measurments					Qty	Rate	Amount
		Units	No"s	L	B	D			
	Estimated Cost	10.00	Lakhs						
1	KSRB 2-2.4 : Excavation 1.5m and above in width in soft rock without blasting for foundation of buildings, water supply, sanitary lines and electrical conduits either in pits or in trenches not exceeding 1.5m in depth, stacking the excavated stuff from edges of excavation with lead upto 50m including cost of explosives, labour and HOM of equipment complete as per specifications. specification. No. KBS 2.1.C / 2.9.4/2.18/2.19								
		Cqmt							
	Munnakondappa layout		1	3.50	3.00	3.00	31.50		
							31.50	953.64	30040.00
	Basic rate	883							
	8 % Area weightage	70.64							
	Total	953.64							
2	KSRB 4.1-3 : Providing and laying in position plain cement concrete of mix 1:4:8 with OPC cement @ 180kgs, with 40mm and down size graded granite metal coarseaggregates @ 0.85 cum and fine aggregtes @ 0.57 cum machine mixed, concrete laid in laye` not exceeding 15 cms. Thick, well compacted, in foundation and plinth, including cost of all materials, labour, HOM of machinery, curing complete as per specifications. Specification No. KBS 4.1, 4.2								
		Cqmt							
			1	3.50	3.00	0.15	1.58		
							1.58	5256.36	8279.00
	Basic rate	4867							
	8 % Area weightage	389.36							
	Total	5256.36							
3	KSRB 4-6.4: Providing and removing centering, shuttering, strutting, propping etc., and removal of form work for vertical surface such as walls at any thickness including attached pilaste`, buttresses, plinth and string cou`es cost of all materials, labour complete as per specifications. Specification No. KBS 4.6.2 page no 15								
		Sqmt							
			2	12.20	2.50		61.00		
			1	3.50	2.50		8.75		
							69.75	316.44	22072.00

	Basi rate	293							
	8 % Area weightage	23.44							
	Total	316.44							
4	KSRB 4-1.7 : Providing and laying in position plain cement concrete of mix 1:2:4 with OPC cement @ 220kgs, with 20mm and down size graded granite metal coarseaggregates @ 0.84cum and fine aggregtes @ 0.56 cum, machine mixed, concrete laid in laye` not exceeding 15 cms. Thick, well compacted, in foundation, plinth and cills, including cost of materials, labour, HOM of machinery, curing complete as per specifications. Specification No. KBS 4.1, 4.2								
		Sqmt							
			1	12.20	2.50	0.30	9.15		
			1	3.50	2.50	0.15	1.31		
							10.46	5704.56	59684.00
	Basic rate	5282							
	8 % Area weightage	422.56							
	Total	5704.56							
5	KSRB 4-9.2: Providing T.M.T Steel reinforcement for RCC work including straightening, cutting, bending, hooking, placing in position, lapping, and /or welding wherever required, tying with binding wire and anchoring to the adjoining members wherever necessary complete as per design (laps and wastage shall not be measured and paid) cost of materials, labours, HOM of machinery complete as per specifications. Specification. No. KBS 4.6.3								
		Kgs							
			1	10.00	100.00		1000.00		
							1.00	60534.00	60534.00
	Basic rate	56050							
	8 % Area weightage	4484							
	Total	60534							
6	KSRB 10-4: Providing and laying four courses water proofing treatment with bitumen felt over roof consisting of first and third courses of blown and/or residual bitumen applied hot at 1.45 kg/sqm of area for each course second course of roofing felt Type - 3 grade-I (hessian based self finish bitumen felt) and forth and final course of stone grit 6mm and down size or pea sized gravel spread at 0.06 cum/sqm including preparation of surface but excluding grading complete with bitumen felt (hessian based) Type - 3 grade -I blown or/ and residual bitumen applied hot 1.4kg/sqm including cost of materials, labour complete as per specifications. KBS 10.4.3								
		Sqmt							
			1	12.20	2.50		30.50		
			1	3.50	2.50		8.75		

			1	6.20	7.00		43.40		
							82.65	333.72	27582.00
	Basic rate	309							
	8 % Area weightage	24.72							
	Total	333.72							
7	KSRB 15-15.1: Providing and applying painting in two coats with plastic emulsion paint of approved brand on wall surface to give an even approved shade after throughly brushing the surface, free from mortar drops and other foreign matter including preparing the surface even and sand paper smooth, cost of materials, labour, complete as per specifications. Page no :113 SL NO:15.51								
	Manjunatha nagara		1	2.50	2.50		6.25		
			1	2.50	1.50		3.75		
			1	2.00	2.50		5.00		
			1	3.50	6.10		21.35		
			1	10.00	3.10		31.00		
			1	8.00	3.10		24.80		
			1	9.00	3.10		27.90		
	Bagalagunte		2	8.50	3.10		52.70		
			2	2.50	3.10		15.50		
			2	21.50	3.10		133.30		
			3	6.50	4.00		78.00		
			2	3.00	1.50		9.00		
			2	2.00	2.50		10.00		
	Munnakondappa layout		1	19.00	3.10		58.90		
			2	2.80	3.10		17.36		
			2	12.00	3.10		74.40		
			2	3.00	3.10		18.60		
							587.81	76.68	45073.00
	Basic rate	71							
	8 % Area weightage	5.68							
	Total	76.68							
8	Providing flooring with 60 cms x 60 cms size Vitrified glazed tiles of approved quality & make, fixed on top of existing flooring fixed with suitable adhesive, including cutting the tiles to the required size and fixing etc., complete per the specification Page No:107, SL No's 14.44								
	Manjunatha nagara		1	4.00	4.00		16.00		
			1	5.00	3.00		15.00		
			1	3.00	3.00		9.00		
			1	4.00	7.00		28.00		
	Bagalagunte		2	3.00	3.00		18.00		
			2	2.00	3.00		12.00		
			2	3.00	2.00		12.00		

			2	6.00	4.00		48.00		
			2	6.00	4.00		48.00		
			2	3.00	1.50		9.00		
							215.00	1154.52	248222.00
	Basic rate	1069							
	Area weightage 8 %	85.52							
	Total	1154.52							
9	Black granite 40 mm thick 2108								
		Sqm	5	2.00	0.60		6.00		
			5	2.50	0.60		7.50		
			5	2.50	0.60		7.50		
							21.00	2295.00	48195.00
	Basic rate	2125							
	area weightage 8 %	170							
	Total	2295							
10	KSRB 14.36-2: Providing Ceramic tiles of size 30 x 30cms x 6mm approved make, shade and size for flooring, treads of steps and landings laid on a bed of 12mm thick, cement mortar 1:3 mix, flush pointing with white cement using colour pigment, including cost of materials, labour, curing, complete as per specifications. Specification No. KBS								
		Sqmt							
	Bagalagunte		1	7.50	1.20		9.00		
			1	4.00	1.20		4.80		
			1	1.20	1.20		1.44		
							15.24	1270.08	19356.00
	Baic rate	1176.00							
	Area weightage 8 %	94.08							
	Total	1270.08							
11	KSRB 7.9 : Providing and fixing M.S grill work for windows and ventilators weighing 21kg/sqm using M.S flats, or M.S. square rods, or combination of M.S flats and square rods as per approved design, drawing including cutting steel sections and welding the same to required pattern with a coat of red lead primer, cost of materials, fixtures, labour and HOM of machinery complete as per specifications. Specification No. KBS 7.12								
	Bagalagunte	Kgs							
			2	20.00			40.00		
	Basic rate	78.00							
	Area weightage 8 %	6.24					40.00	84.24	3370.00
	Total	84.24							

12	KSRB 7.10 : Providing and fixing in position aluminium windows and ventilators as per approved drawings with sliding shutters using double track window frame section of size 61.85x31.75mm. with 1.2mm. thick , bottom section weight 0.695 kg/m, sides and top sections 1.3mm. thick weight 0.659 kg/m; and shutter comprising top and bottom section of size 40mmx18mm, 1.25mm thick 0.417 kg/m, shutter outer side 40mmx18mm, 1.25mm, thick weight 0.417 kg/m, shutter intelock section 40mmx26.7mm, 1.1 mm thick, weight 0.469 kg/m. the shutters mounted on nylon roller with approved quality of fixtures such as aluminium handles tower bolts etc., and providing and fixing 5.5mm. thick plain glass for shutters fitted with rubber beading aluminium sections								
		Sqmt							
	Basic rate	3818.00							
	Area weightage 8 %	305.44							
		4123.44							
	Bagalagunte		2	0.60	0.60		0.72		
							0.72	4123.44	2969.00
13	KSRB 15-18.2: Providing and applying enamel metal paint two coats (excluding priming coat) over new steel or other metal surface brushing to give an even shade after cleaning oil, grease, dirt and other foreign matter, including cost of materials, labour, complete as per specifications. Page no:121 SL No:15.74								
		Sqmt							
			2	3.10	7.70		47.74		
			2	12.30	7.70		189.42		
			2	3.00	1.50		9.00		
	Basi rate	82.00							
	Area weightage 8 %	6.56					246.16	88.56	21800.00
	Total	88.56							
14	KSRB 8.3-2 : Providing and laying to required line and slope roofing with semi - corruguated (Trafford) asbestos cement sheet 6mm, thick fixed with galvanised iron J or L hooks, bolts and nuts 8mm, dia C.I plain and bitumen washer over the existing purlins, rafters and trusses including cost of materials, labour, complete as per specifications.								
		Sqmt							
	Bagalagunte		1	17.00	4.00		68.00		
							68.00	426.60	29009.00
	Basic rate	395.00							

	Area weightage 8 %	31.60							
	Total	426.60							
15	KSRB 8.3-4 : Providing and fixing ridges, hips with asbestos cement sheet roofing with G.I. J or L hooks, bolts and nuts 8mm, dia G.I plain and bitumen washer, serrated or plain wings, adjustable ridges, including cost of materials, labour								
		Sqmt							
			2	17.00	1.20		40.80		
	Basic rate	325.00					40.80	351.00	**14321.00**
	Area weightage 8 %	26.00							
	Total	351.00							
16	Fabricating, supplying and erecting M.S. Tubular Truss of span upto 10m. The bottom and top member is provided with 50x50x6mm double equal angles, welded back to back and in between top and bottom line, in areas of mid section is provided with 50x50x6mm equal single angle for vertical and inclined membe` and at supporting ends 40x40x5mm single angle is provided. All the membe` are welded together with 6mm gusset plate as per Drawing. The entire truss is anchored in RCC column by using 4 Nos of M.S anchor bolts at each support, with 10mm thick base plate and shoe plate. The Work includes cutting, straightening, placing in position of M.S angle and welding wherever necessary and applying one coat of red oxide primer coat to all the member including cost of all materials, labour charges and hire charges of machineries for cutting, welding, grinding and erection equipments etc.. complete as per specification Page no 40, SL No:7.29								
		Kgs	68	20.00			1360.00		
							1360.00	118.80	161568.00
	Basic rate	110.00							
	Area weightage 8 %	8.80							
	Total	118.80							
17	**High quality square 200 x200 ms steel pipe**								
		Kgs	4	3.20	45.00		576.00	41.04	23639.00
	Basic rate	38.00							
	Area weightage8%	3.04							
	Total	41.04							

	Area weightage 8 %	31.60							
	Total	426.60							
15	KSRB 8.3-4 : Providing and fixing ridges, hips with asbestos cement sheet roofing with G.I. J or L hooks, bolts and nuts 8mm, dia G.I plain and bitumen washer, serrated or plain wings, adjustable ridges, including cost of materials, labour								
		Sqmt							
			2	17.00	1.20		40.80		
	Basic rate	325.00					40.80	351.00	**14321.00**
	Area weightage 8 %	26.00							
	Total	351.00							
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		Kgs	68	20.00			1360.00		
							1360.00	118.80	161568.00
	Basic rate	110.00							
	Area weightage 8 %	8.80							
	Total	118.80							
17	**High quality square 200 x200 ms steel pipe**								
		Kgs	4	3.20	45.00		576.00	41.04	23639.00
	Basic rate	38.00							
	Area weightage8%	3.04							
	Total	41.04							

ಸಂ. EE/PD/A5/684/17-18 ದಿನಾಂಕ: 21-12-17

ರೂ. [Rs 10.00 lakh] Ten lakhs only

ಅಂದಾಜು ಪಟ್ಟಿಗೆ ಆಡಳಿತಾತ್ಮಕ ಮಂಜೂರಾತಿ ನೀಡಿದೆ

ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರು
ಬಿ.ಬಿ.ಎಂ.ಪಿ. ದಾಸರಹಳ್ಳಿ ವಿಭಾಗ
ದಾಸರಹಳ್ಳಿ ವಲಯ, ಬೆಂಗಳೂರು.

ಸಂ. EE/DD/TS/444/17-18 ದಿನಾಂಕ: 21-12-17

ರೂ. [Rs 10.00 lakh] Ten lakhs Rupees only

ಗಳ ಅಂದಾಜು ಪಟ್ಟಿಗೆ ತಾಂತ್ರಿಕ ಮಂಜೂರಾತಿ ನೀಡಿದೆ

ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರು
ಬಿ.ಬಿ.ಎಂ.ಪಿ. ದಾಸರಹಳ್ಳಿ ವಿಭಾಗ
ದಾಸರಹಳ್ಳಿ ವಲಯ, ಬೆಂಗಳೂರು

Providing and fixing Chorinated Poly Venyl Chloride (CPVC) pipes conforming to IS 15778, having thermal stability for hot and cold water supply including all CPVC plain and brass threaded fittings including fixing the pipe with clamp at 1.00 mtr spacing. This includes jointing of pipes and fittings with one step CPVC solvent cement & the cost of cutting chases & making good the same including testing of joints complete. (Concealed work including cutting chases and good the walls etc.) **for 25mm nominal OD pipes(Page No. 96, Sl. No. 13.86.3)**								
	Rmt							
		1	120.00			120.00	275.00	**33000.00**
Basic rate	250.00							
Area Weightage 8 %	25.00							
Total	275.00							
Submarsibale singale phase 2.0HP/1.5KW								
		1	1.00					**26300.00**
PVC Strorage tank		1	2000.00			2000.00		
5 rs/ Liters						2000.00	5.00	**10000.00**
Cpvc Elbows 25 MM	No	1	45.00			45.00		
Data rate approved	40.00					45.00	40.00	**2250.00**
CPVC Tee 25 MM	No	1	45.00			45.00		
Data rate approved	50.00					45.00	50.00	**2250.00**
					Sub total			899513.00
GST, KRIDL & Labour cess Charges 7+3+1=11%								98946.00
Miscellaneous and UnforessenCharges								1541.00
								1000000.00
Rupees Ten laks only								

1 The Work spot has been inspected and the work is found to be necessary
2 The Estimate is prepared as per the PW,P & IWTD -SR-2016-17
3 The Provision made in estimate are adequate and essential.
4 This area comes under BBMP limits.

Asst Engineer
Ward-14

Assistant Executive Engineer
T.Dasarahalli Sub Division
B.B.M.P

Excecutive Engineer
Dasarahalli Division
B.B.M.P